

Supplemental material:

Table S1. Structure of five types of forests located in Yunfu, Guangdong province, South China.

| Species | DBH ¹ (cm) | Tree height (m) | Age (a) | Density (individuals ha ⁻¹) |
|-------------------------------|-----------------------|-----------------|---------|---|
| Secondary forest ² | 13.7 | 9.6 | 26.1 | 1597.7 |
| Masson pine ³ | 15.9 | 10.6 | 14.7 | 1451.0 |
| Slash pine ⁴ | 13.3 | 8.2 | 15.0 | 1384.0 |
| Eucalypt ⁵ | 10.3 | 11.6 | 4.8 | 1886.8 |
| Litchi ⁶ | 8.2 | 4.1 | 18.9 | 671.7 |

Note: ¹ DBH, diameter at breast height; ² secondary forest, secondary mixed deciduous and broad-leaved forest; ³ Masson pine, *Pinus massoniana* Lamb.; ⁴ Slash pine, *Pinus elliottii* Engelm.; ⁵ Eucalypt, *Eucalyptus obliqua* L'Hér.; ⁶ Litchi, *Litchi chinensis* Sonn., 1782.